
ADAPTED FROM

**“Precipitation-Frequency Atlas of the United States”
NOAA Atlas 14, Volume 2, Version 2 (draft)
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NOTE: Rainfall data for counties listed were averaged when multiple or no rainfall station data was available.

RETURN PERIOD 24 HOUR STORM EVENT (INCHES)

County Name	1	2	5	10	25	50	100	R Factors
Abbeville	3.2	3.5	4.4	5.2	6.5	7.7	9.2	250
Aiken	3.2	3.7	4.6	5.3	6.5	7.4	8.4	250
Allendale	3.4	3.8	5.1	6.0	7.0	7.8	8.9	300
Anderson	3.3	3.6	4.5	5.5	6.6	7.9	9.4	275
Bamberg	3.4	3.6	4.6	5.5	6.8	8.1	9.4	300
Barnwell	3.3	3.6	4.5	5.3	6.4	7.3	8.4	275
Beaufort	3.7	4.5	5.8	6.9	8.4	9.7	11.0	400
Berkeley (North)	3.5	3.8	5.0	5.9	7.2	8.2	9.4	350
Berkeley (South)	3.6	4.0	5.2	6.2	7.5	8.6	9.8	350
Calhoun	3.3	3.5	4.5	5.4	6.7	7.9	9.3	275
Charleston	3.8	4.3	5.5	6.6	8.0	9.2	10.4	400
Cherokee	3.0	3.7	4.7	5.4	6.4	7.3	8.1	275
Chester	2.9	3.6	4.6	5.3	6.3	7.1	8.0	250
Chesterfield	3.1	3.5	4.5	5.3	6.6	7.7	9.0	275
Clarendon	3.4	3.7	4.7	5.6	7.0	8.2	9.5	300
Colleton (North)	3.5	3.5	4.5	5.4	6.7	7.9	9.2	350
Colleton (South)	3.6	4.0	5.2	6.1	7.5	8.6	9.7	350
Darlington	3.2	3.5	4.5	5.4	6.7	8.0	9.3	300
Dillon	3.3	3.6	4.7	5.5	6.8	8.8	10.0	325
Dorchester (North)	3.4	3.8	4.9	5.8	7.1	8.1	9.3	325
Dorchester (South)	3.6	4.2	5.4	6.4	7.8	8.9	10.1	325
Edgefield	3.2	3.1	4.5	5.2	6.3	7.2	8.2	250
Fairfield	3.0	3.5	4.4	5.1	6.2	7.1	8.0	250
Florence (North)	3.3	3.5	4.5	5.4	6.7	7.9	9.2	325
Florence (South)	3.3	3.7	4.7	5.6	7.0	8.2	9.6	325
Georgetown (East)	3.6	4.6	5.9	7.0	8.5	9.8	11.1	350
Georgetown (West)	3.6	3.9	5.1	6.0	7.4	8.4	9.6	350
Greenville (North)	4.0	4.2	5.3	6.1	7.3	8.3	9.3	300
Greenville (South)	3.4	3.7	4.6	5.4	6.7	7.8	9.1	300
Greenwood	3.1	3.5	4.4	5.1	6.4	7.6	9.0	250
Hampton (North)	3.4	3.8	4.9	5.8	7.1	8.2	9.3	325
Hampton (South)	3.4	4.2	5.4	6.4	7.8	9.0	10.2	325
Horry (North)	3.4	4.1	5.3	6.3	7.9	9.3	10.8	350
Horry (South)	3.6	4.2	5.4	6.4	7.8	9.0	10.2	350
Jasper	3.5	4.2	5.4	6.4	7.8	9.0	10.2	350
Kershaw	3.1	3.5	4.4	5.1	6.2	7.1	8.1	275
Lancaster	3.0	3.5	4.4	5.2	6.2	7.0	7.9	250
Laurens	3.1	3.6	4.4	5.2	6.5	7.7	9.2	250
Lee	3.2	3.5	4.5	5.4	6.7	7.9	9.3	275
Lexington	3.1	3.6	4.5	5.3	6.4	7.3	8.3	250
Marion (North)	3.3	3.7	4.8	5.7	6.9	8.0	9.1	325
Marion (South)	3.4	4.2	5.5	6.5	7.9	9.1	10.3	325
Marlboro	3.2	3.5	4.5	5.4	6.5	7.5	8.5	300
McCormick	3.2	3.5	4.4	5.2	6.4	7.5	8.9	250
Newberry	3.0	3.6	4.5	5.3	6.4	7.3	8.4	250
Oconee (North)	4.5	4.7	5.8	6.7	7.8	8.8	9.8	300
Oconee (South)	3.5	3.8	4.7	5.5	6.6	7.6	8.6	300
Orangeburg (East)	3.3	3.8	4.9	5.8	7.1	8.1	9.3	275
Orangeburg (West)	3.3	3.6	4.5	5.4	6.8	8.0	9.3	275
Pickens (North)	4.2	5.1	6.2	7.2	8.5	9.5	10.6	300
Pickens (South)	3.7	4.1	5.0	5.8	6.9	7.8	8.8	300
Richland	3.1	3.6	4.5	5.3	6.4	7.3	8.3	275
Saluda	3.4	3.6	4.5	5.2	6.3	7.2	8.2	250
Spartanburg (NW)	3.4	4.5	5.5	6.3	7.5	8.5	9.5	300
Spartanburg (NE)	3.1	3.8	4.8	5.5	6.6	7.4	8.3	275
Spartanburg (SE)	3.1	3.6	4.5	5.5	6.4	7.8	9.3	275
Spartanburg (SW)	3.1	3.7	4.6	5.4	6.7	7.9	9.4	275
Sumter	3.2	3.6	4.6	5.5	6.9	8.1	9.5	275
Union	3.0	3.6	4.5	5.2	6.5	7.7	9.1	250
Williamsburg	3.4	4.1	5.3	6.2	7.6	8.7	9.9	325
York	2.8	3.6	4.5	5.3	6.3	7.1	7.9	250